

AMENDMENTS

Please amend the claims as follows:

1 1. (Amended) A telecommunications interface system that automatically configures an
2 accessory having a predetermined number of electrical accessory contacts to appropriately
3 interface with a telephone base unit having a plurality of electrical contacts, including two
4 electrical output contacts, wherein the interface system is configured for coupling the output
5 contacts to a predetermined number of accessory contacts, the interface comprising:
6 a. an interface port having the predetermined number of accessory contacts,
7 wherein the port receives an input signal from the output contacts on two of the
8 accessory contacts;
9 b. a signal processing circuit having two signal inputs coupled for receiving the
10 input signal from the interface circuit; and
11 c. a directing circuit coupled between the interface port and the signal processing
12 circuit for [automatically] electrically coupling the output contacts to the signal
13 inputs wherein the output contacts are automatically selected from the plurality
14 of electrical contacts according to a sensed signal received from the telephone
15 base.

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2. (Amended) The telecommunications interface system according to claim [1] ² ~~4~~ wherein
the [base unit] plurality of electrical contacts further comprises two electrical input contacts,
wherein the interface system is configured for coupling the input contacts to a predetermined
pair of the accessory contacts,
a. the signal processing circuit further comprising two signal outputs coupled for
providing an output signal;
b. the interface port further comprising means for receiving the output signal from
the signal contacts on two of the accessory contacts; and

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- c. the directing circuit further comprising means for electrically coupling the signal outputs to the input contacts.

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Please add the following new claim:

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41. (New) The telecommunications interface system according to claim 1 wherein the sensed signal is a dial tone signal.

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